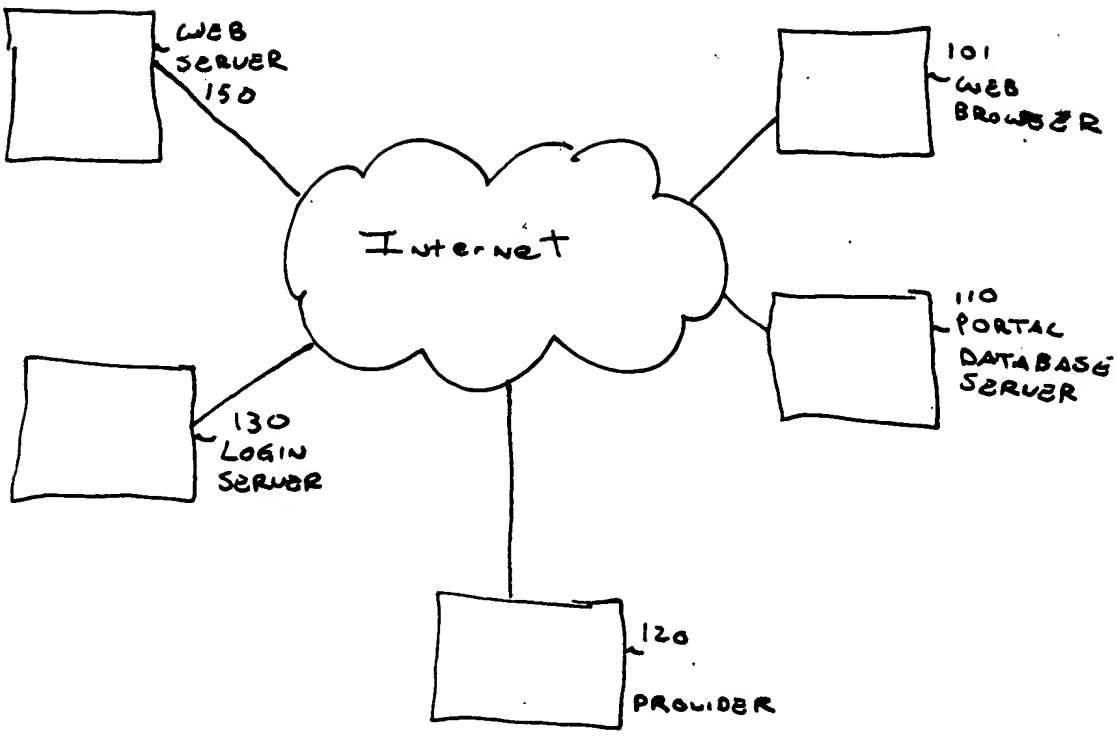

WEB SERVER 150
101 WEB BROWSER
Internet
110 PORTAL DATABASE SERVER
130 LOGIN SERVER
120 PROVIDER

Fig. 1

FIG 2

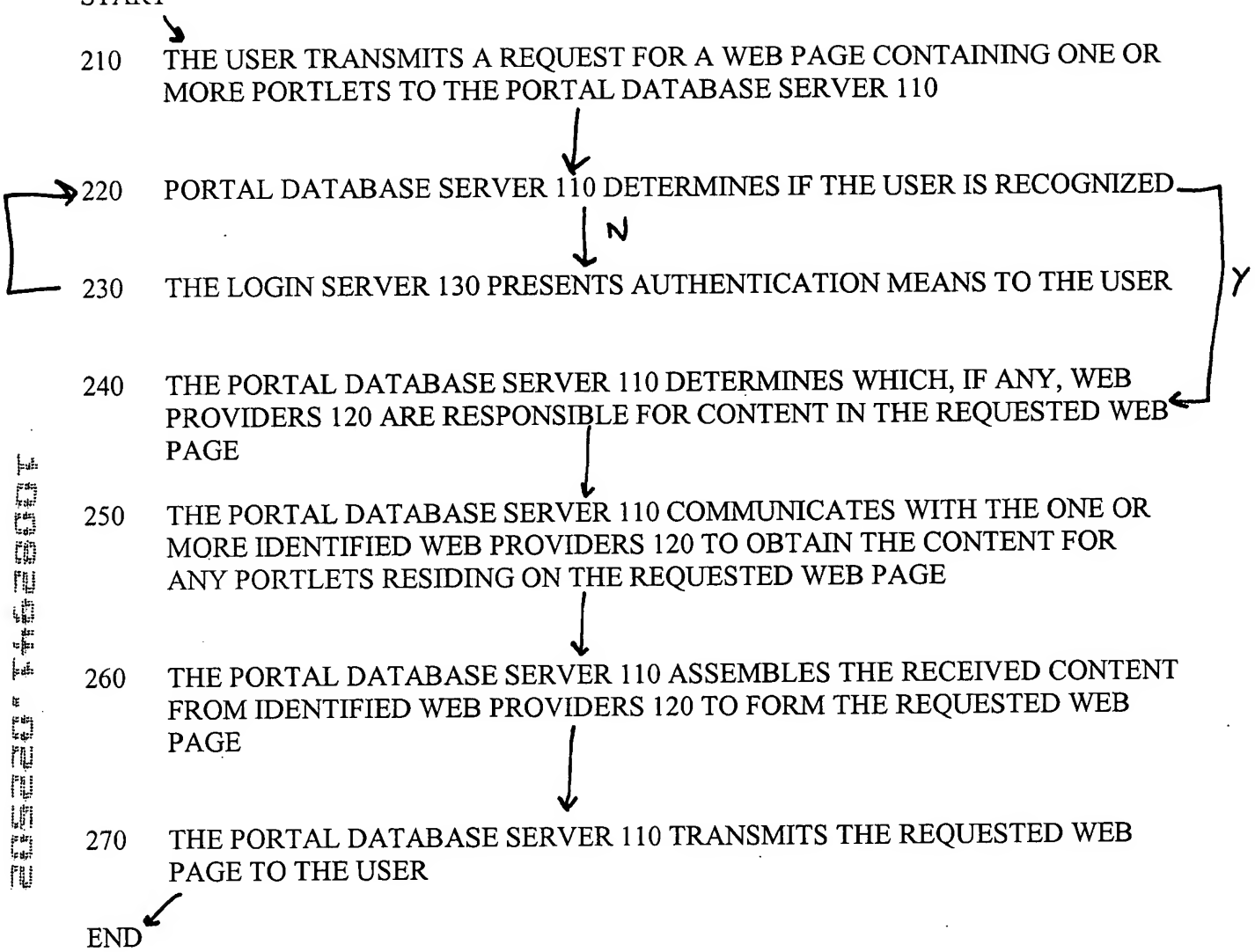

START
210 THE USER TRANSMITS A REQUEST FOR A WEB PAGE CONTAINING ONE OR MORE PORTLETS TO THE PORTAL DATABASE SERVER 110
220 PORTAL DATABASE SERVER 110 DETERMINES IF THE USER IS RECOGNIZED
N
Y
230 THE LOGIN SERVER 130 PRESENTS AUTHENTICATION MEANS TO THE USER
240 THE PORTAL DATABASE SERVER 110 DETERMINES WHICH, IF ANY, WEB PROVIDERS 120 ARE RESPONSIBLE FOR CONTENT IN THE REQUESTED WEB PAGE
250 THE PORTAL DATABASE SERVER 110 COMMUNICATES WITH THE ONE OR MORE IDENTIFIED WEB PROVIDERS 120 TO OBTAIN THE CONTENT FOR ANY PORTLETS RESIDING ON THE REQUESTED WEB PAGE
260 THE PORTAL DATABASE SERVER 110 ASSEMBLES THE RECEIVED CONTENT FROM IDENTIFIED WEB PROVIDERS 120 TO FORM THE REQUESTED WEB PAGE
270 THE PORTAL DATABASE SERVER 110 TRANSMITS THE REQUESTED WEB PAGE TO THE USER
END

FIG.3

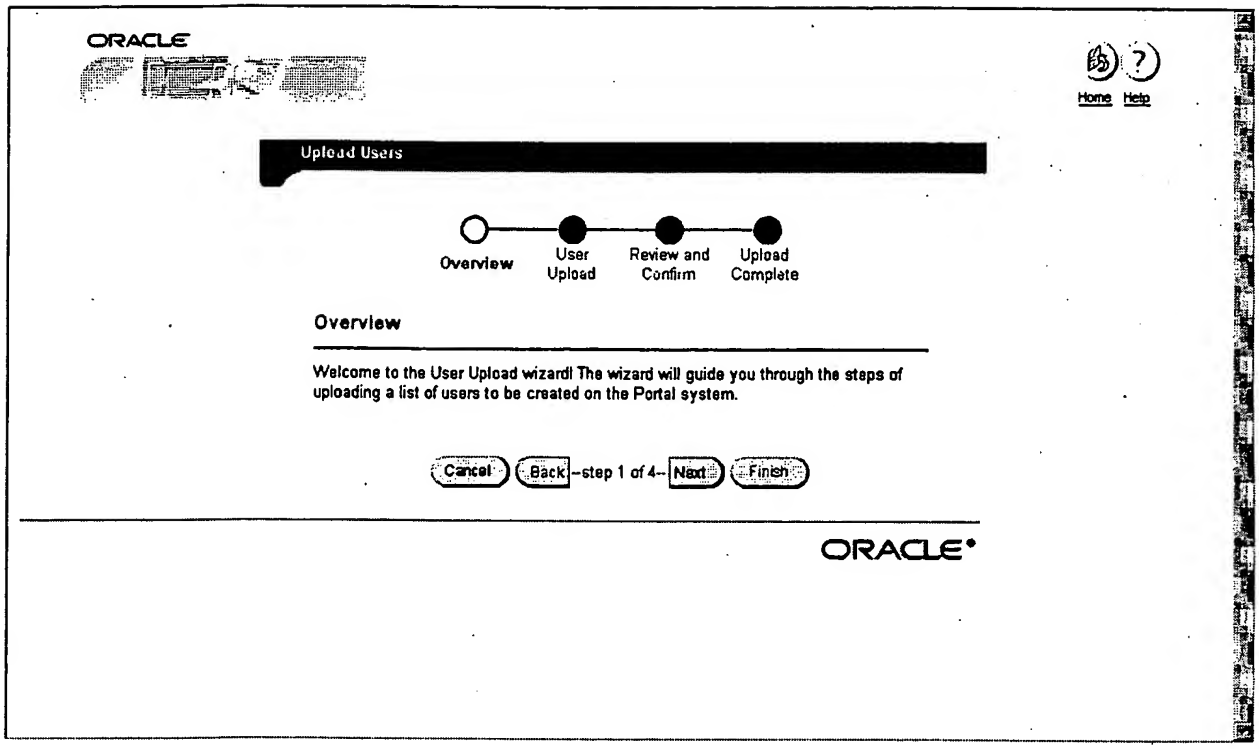

ORACLE
Home
Help
Upload Users
Overview
User Upload
Review and Confirm
Upload Complete
Overview
Welcome to the User Upload wizard! The wizard will guide you through the steps of uploading a list of users to be created on the Portal system.
Cancel
Back
--step 1 of 4--
Next
Finish
ORACLE

FIG 4

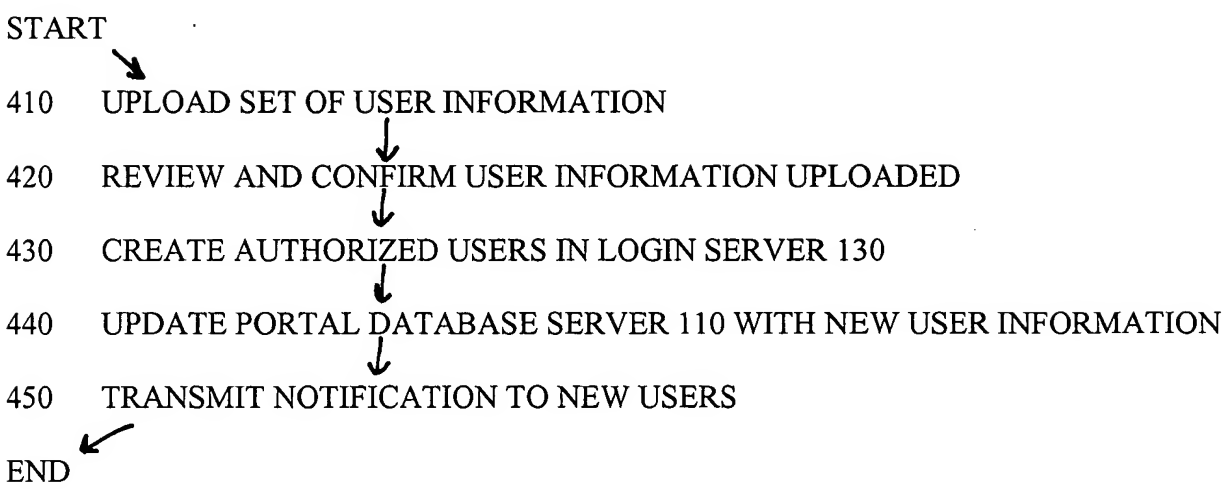

START
410 UPLOAD SET OF USER INFORMATION
420 REVIEW AND CONFIRM USER INFORMATION UPLOADED
430 CREATE AUTHORIZED USERS IN LOGIN SERVER 130
440 UPDATE PORTAL DATABASE SERVER 110 WITH NEW USER INFORMATION
450 TRANSMIT NOTIFICATION TO NEW USERS
END

FIG. 5

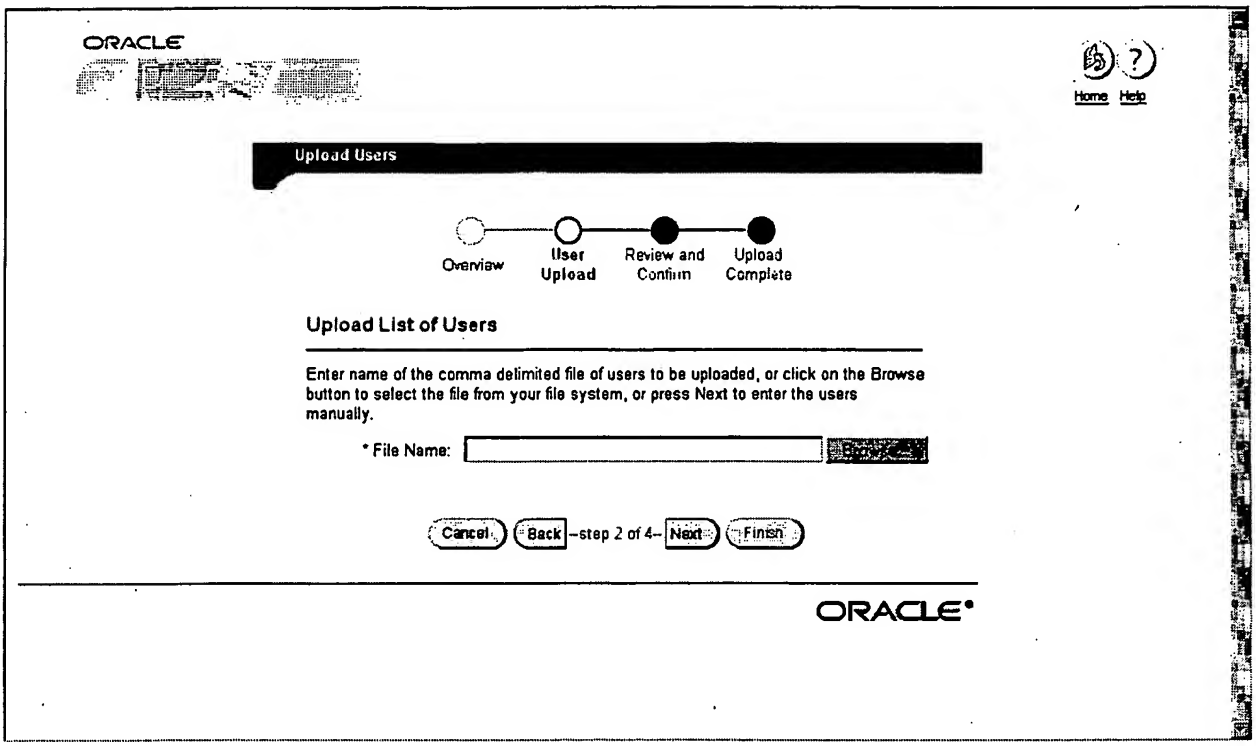

ORACLE
Home
Help
Upload Users
Overview
User Upload
Review and Confirm
Upload Complete
Upload List of Users
Enter name of the comma delimited file of users to be uploaded, or click on the Browse button to select the file from your file system, or press Next to enter the users manually.
* File Name:
Cancel
Back
step 2 of 4
Next
Finish
ORACLE

FIG. 6

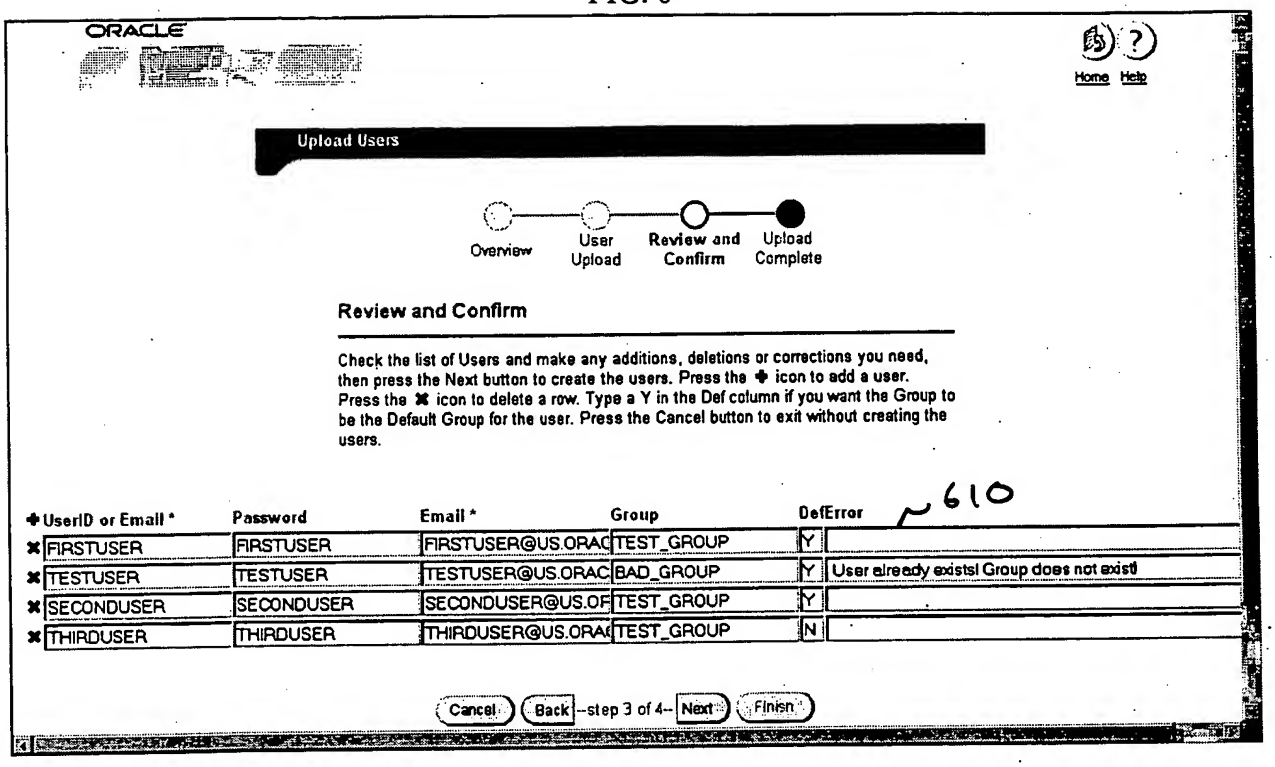
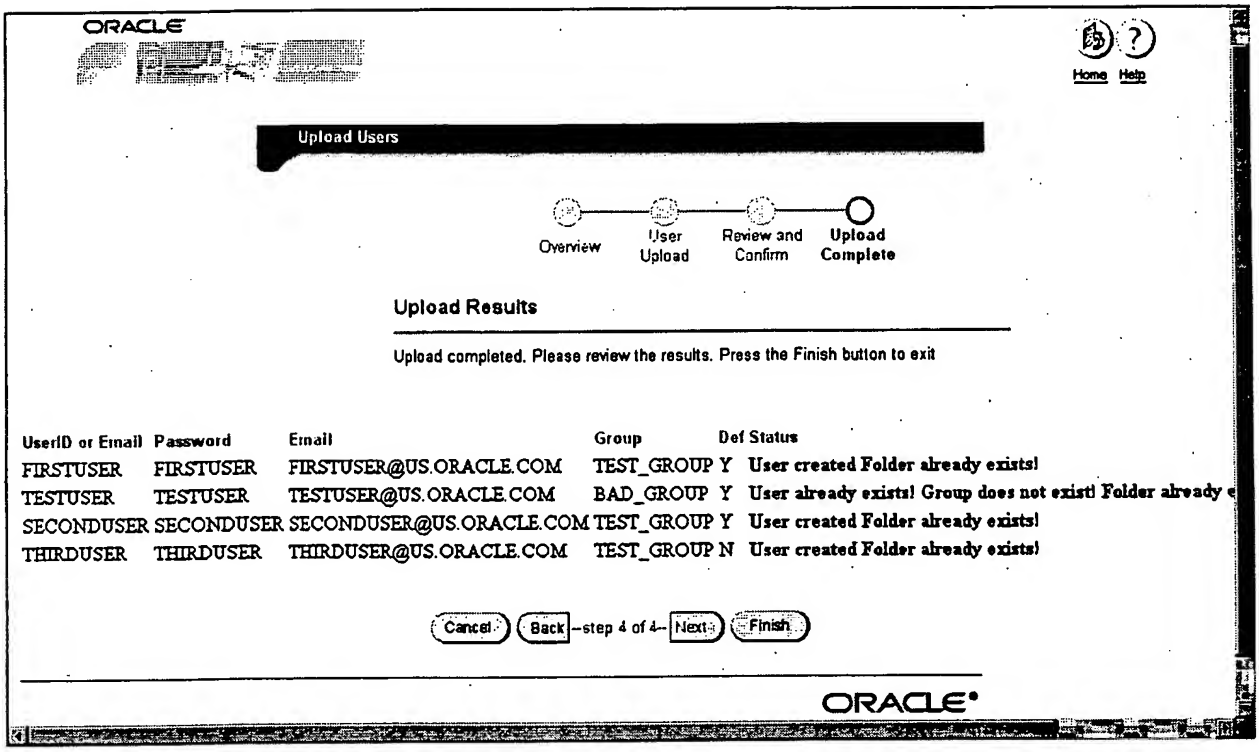

ORACLE
Home Help
Upload Users
Overview
User Upload
Review and Confirm
Upload Complete
Review and Confirm
Check the list of Users and make any additions, deletions or corrections you need, then press the Next button to create the users. Press the ✚ icon to add a user. Press the ✖ icon to delete a row. Type a Y in the Def column if you want the Group to be the Default Group for the user. Press the Cancel button to exit without creating the users.
610
✚ UserID or Email * | Password | Email * | Group | Def | Error
✖ FIRSTUSER | FIRSTUSER | FIRSTUSER@US.ORAC | TEST_GROUP | Y |
✖ TESTUSER | TESTUSER | TESTUSER@US.ORAC | BAD_GROUP | Y | User already exists! Group does not exist!
✖ SECONDUSER | SECONDUSER | SECONDUSER@US.OF | TEST_GROUP | Y |
✖ THIRDUSER | THIRDUSER | THIRDUSER@US.ORA | TEST_GROUP | N |
Cancel Back --step 3 of 4-- Next Finish

FIG. 7



Patent Application Serial No. 09/895,242

Page 4 of 5

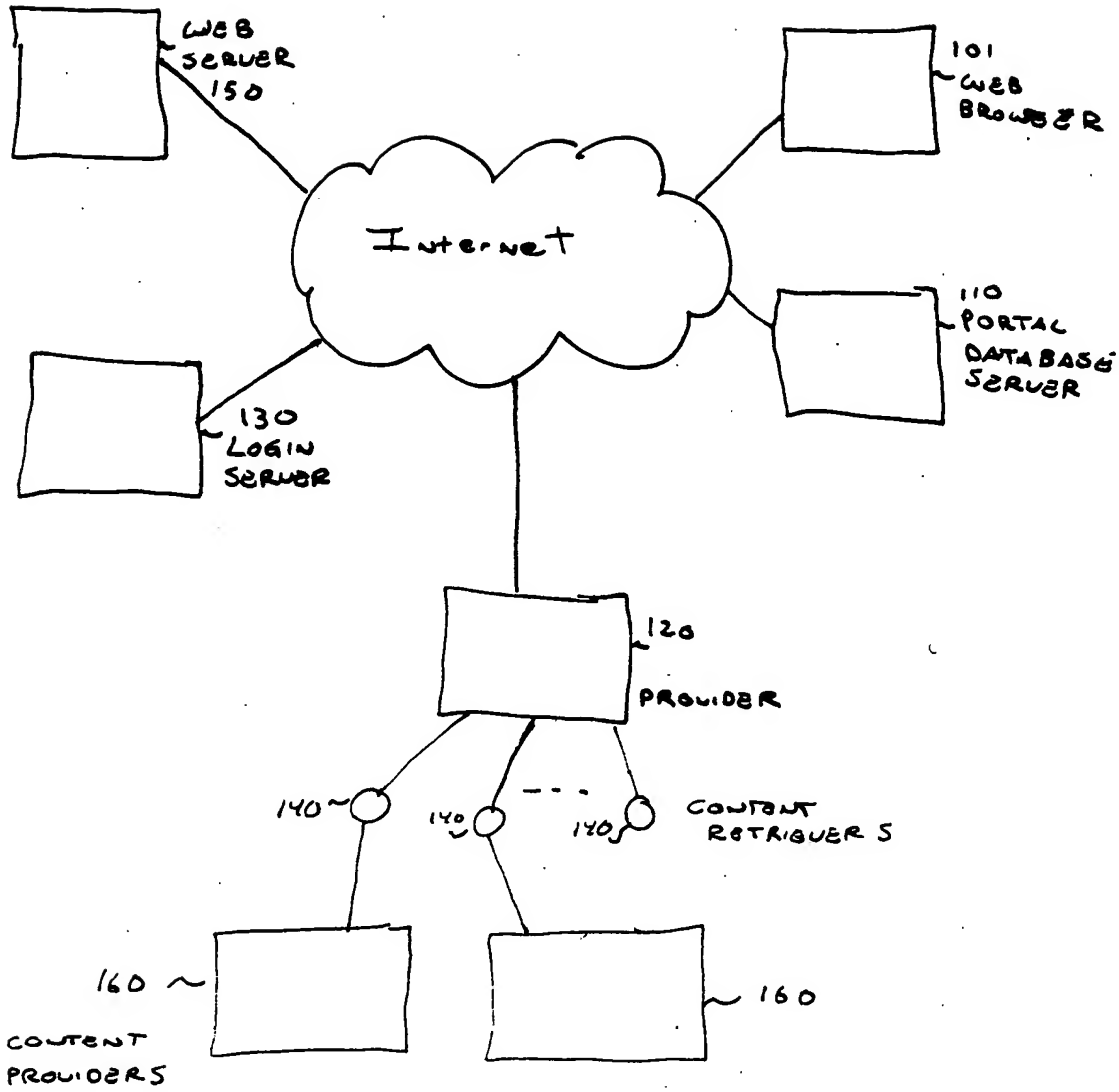


Fig. 8

Fig. 9

START

910 IDENTIFY A NEW CONTENT PROVIDER 150 TO ADD OR UPDATE

920 WEB PROVIDER 120 RETRIEVES A CONTENT SPECIFICATION FILE FROM CONTENT PROVIDER 150

930 WEB PROVIDER 120 GENERATES CONTENT RETRIEVERS 140 BASED UPON CONTENT SPECIFICATION FILE

940 WEB PROVIDER 120 TRANSMITS NOTIFICATION TO PORTAL WEB SERVER 1110 THAT IT SUPPORTS NEW OR UPDATED CONTENT.

END

Fig. 10

START

1010 USER MAKES A REQUEST FOR CONTENT FROM A WEB BROWSER 101

1020 USER REQUEST RECEIVED BY PORTAL WEB SERVER 110

1030 PORTAL WEB SERVER 110 IDENTIFIES ANY WEB PROVIDERS 120 THAT PROVIDE CONTENT REQUESTED BY THE USER

1040 PORTAL WEB SERVER 110 TRANSMITS A REQUEST FOR DATA TO ANY WEB PROVIDER 120 RESPONSIBLE FOR CONTENT PRESENT IN THE USER REQUEST

1050 WEB PROVIDER 120 TRANSMITS REQUEST FOR DATA TO ANY CONTENT RETRIEVERS 140 REQUIRED IN SATISFYING THE REQUEST FOR DATA

1060 CONTENT RETRIEVERS RETRIEVE DATA FROM CONTENT PROVIDERS 150

1070 DATA IS RETURNED TO THE PORTAL WEB SERVER 110 FOR ASSEMBLY AND DELIVERY TO THE USER

END

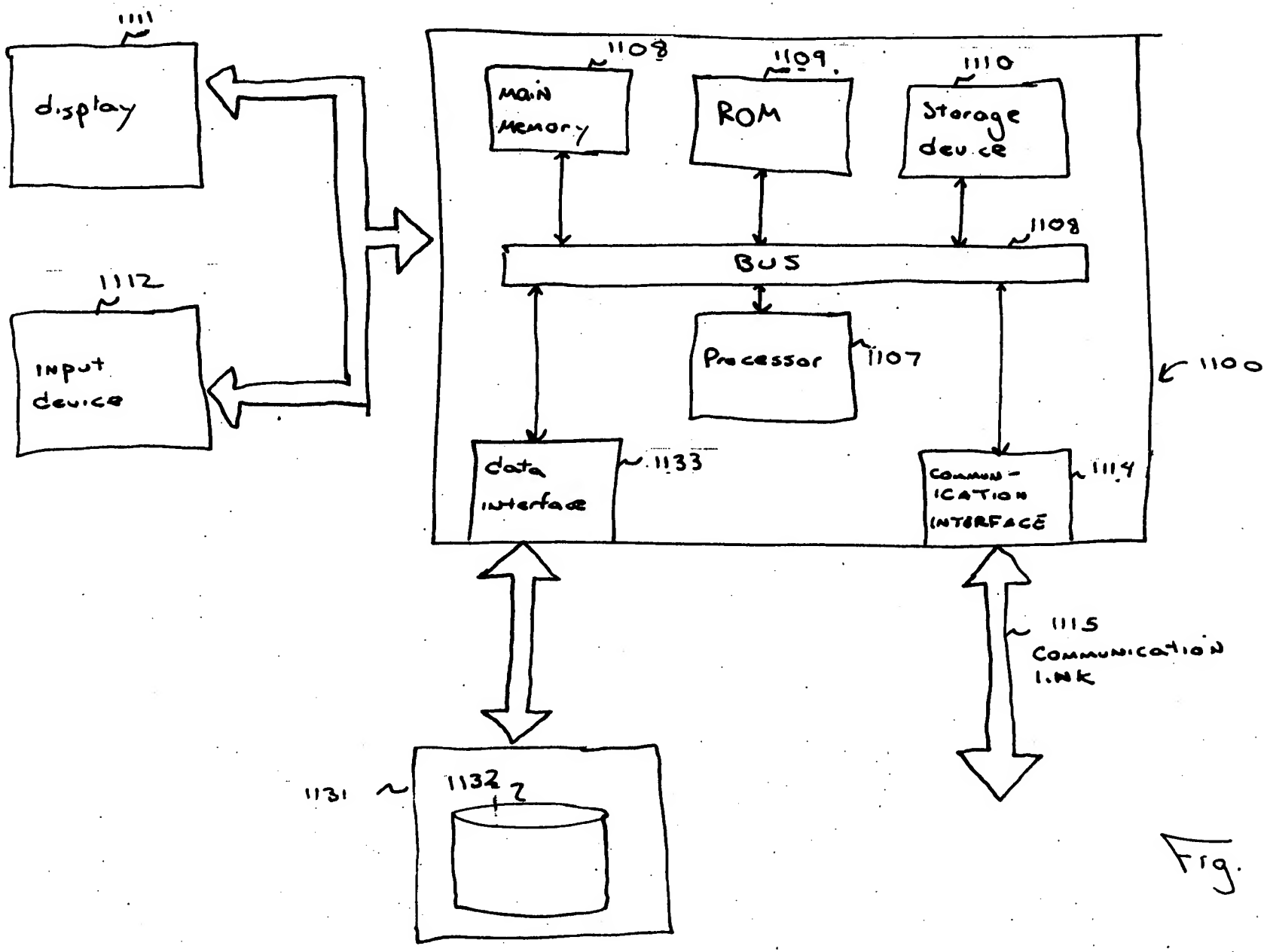

1111
display
1112
input device
1108
main memory
1109
ROM
1110
storage device
1106
BUS
Processor
1107
1100
data interface
1133
COMMUN-ICATION INTERFACE
1114
1115
COMMUNICATION LINK
1131
1132

Fig. 11

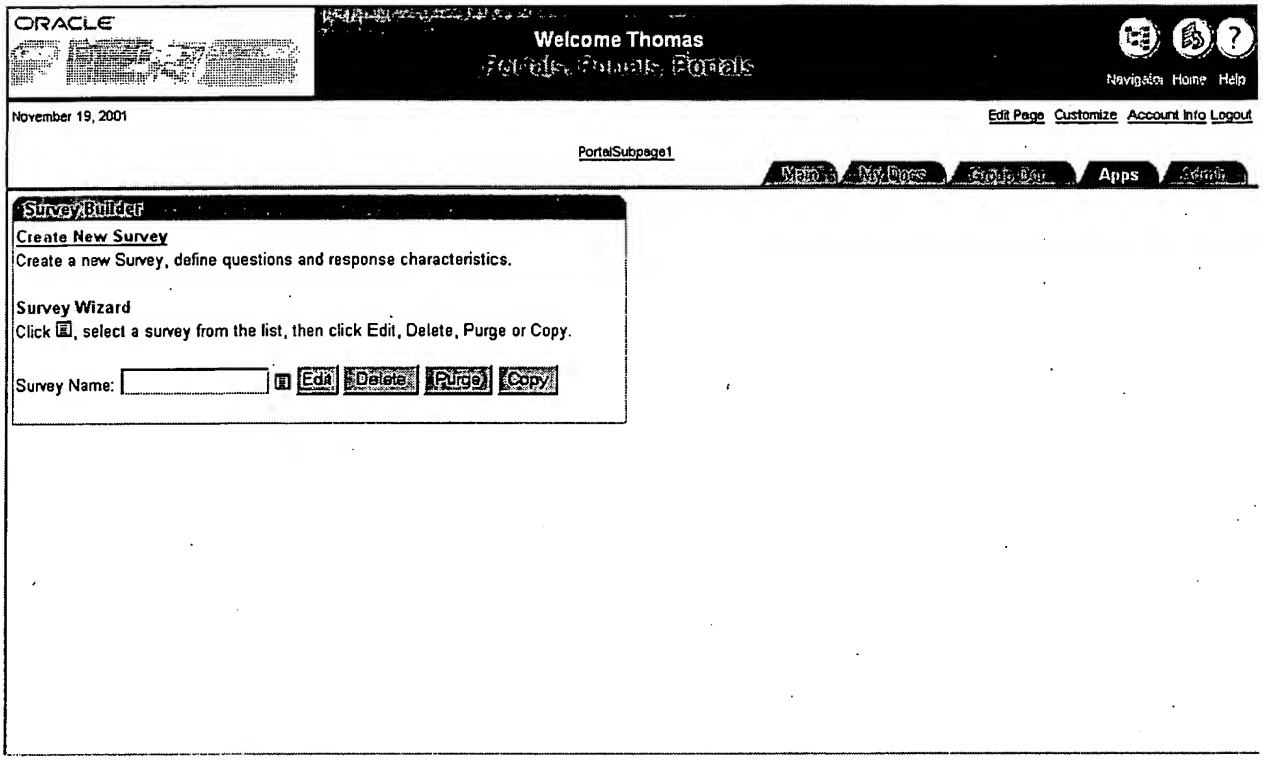

ORACLE
Welcome Thomas
Navigator Home Help
November 19, 2001
Edit Page Customize Account Info Logout
PortalSubpage1
Main
My Pages
Apps
Admin
Survey Builder
Create New Survey
Create a new Survey, define questions and response characteristics.
Survey Wizard
Click, select a survey from the list, then click Edit, Delete, Purge or Copy.
Survey Name:
Edit
Delete
Purge
Copy

Fig. 12

FIG. 13

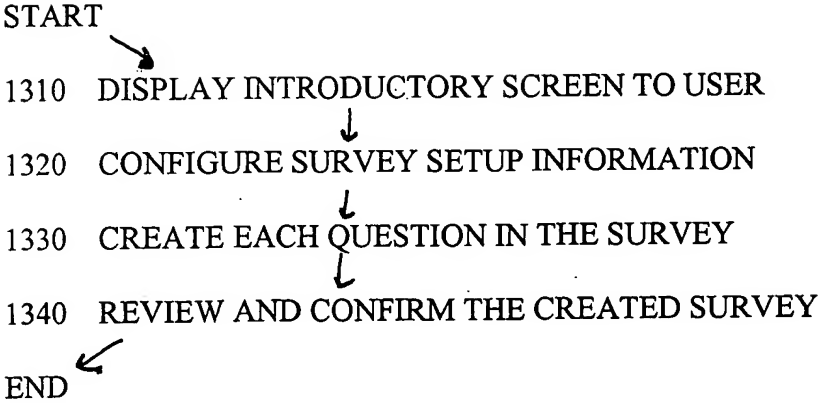
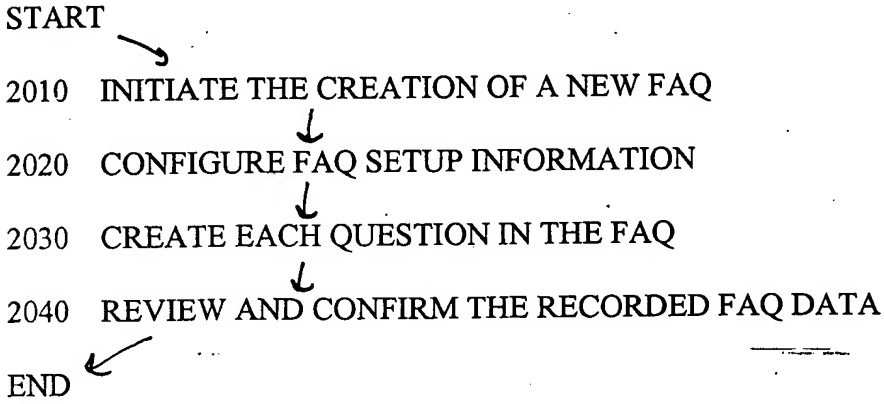
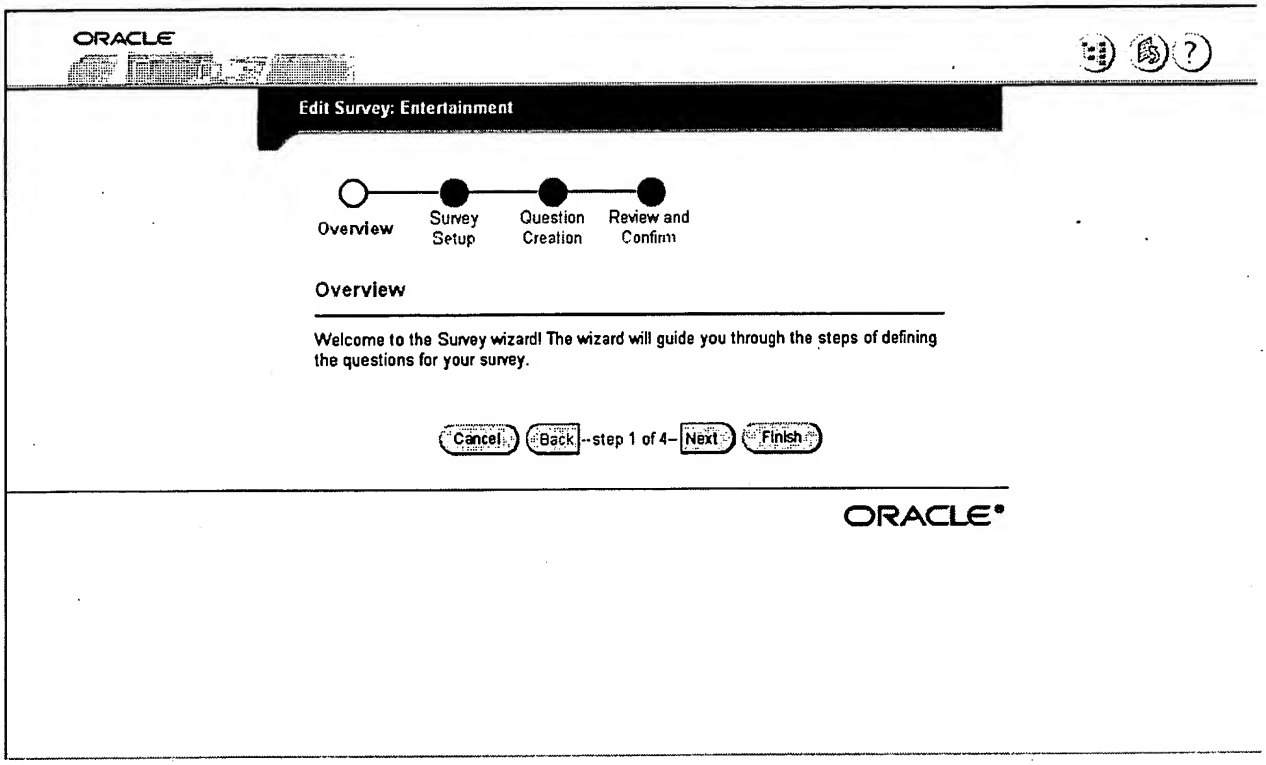

START
1310 DISPLAY INTRODUCTORY SCREEN TO USER
1320 CONFIGURE SURVEY SETUP INFORMATION
1330 CREATE EACH QUESTION IN THE SURVEY
1340 REVIEW AND CONFIRM THE CREATED SURVEY
END

FIG. 20


START
2010 INITIATE THE CREATION OF A NEW FAQ
2020 CONFIGURE FAQ SETUP INFORMATION
2030 CREATE EACH QUESTION IN THE FAQ
2040 REVIEW AND CONFIRM THE RECORDED FAQ DATA
END


ORACLE
Edit Survey: Entertainment
Overview
Survey Setup
Question Creation
Review and Confirm
Overview
Welcome to the Survey wizard! The wizard will guide you through the steps of defining the questions for your survey.
Cancel
Back
--step 1 of 4--
Next
Finish
ORACLE

1400

Fig. 14

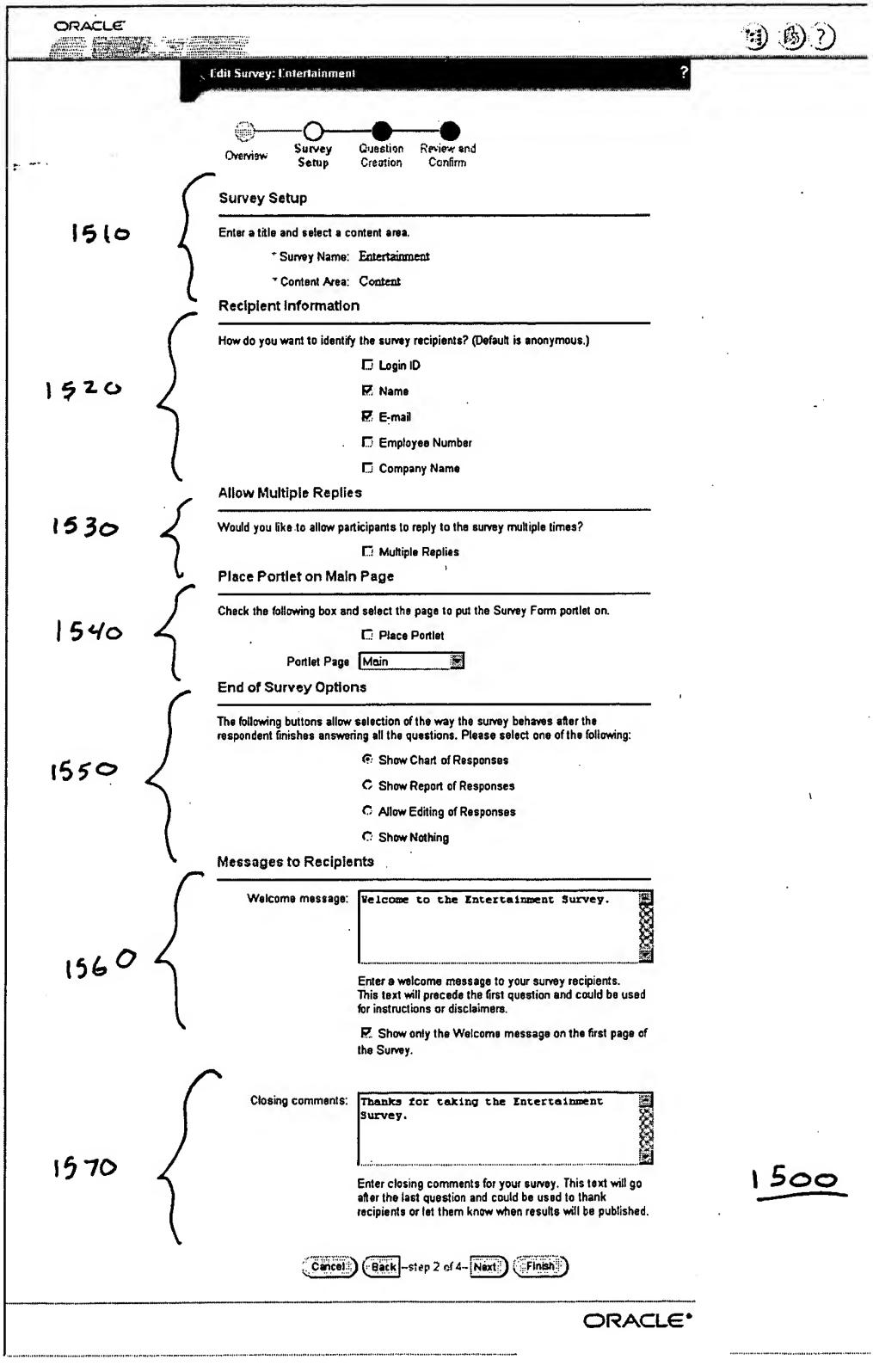

ORACLE
Edit Survey: Entertainment
Overview
Survey Setup
Question Creation
Review and Confirm
Survey Setup
Enter a title and select a content area.
* Survey Name: Entertainment
* Content Area: Content
Recipient Information
How do you want to identify the survey recipients? (Default is anonymous.)
Login ID
Name
E-mail
Employee Number
Company Name
Allow Multiple Replies
Would you like to allow participants to reply to the survey multiple times?
Multiple Replies
Place Portlet on Main Page
Check the following box and select the page to put the Survey Form portlet on.
Place Portlet
Portlet Page Main
End of Survey Options
The following buttons allow selection of the way the survey behaves after the respondent finishes answering all the questions. Please select one of the following:
Show Chart of Responses
Show Report of Responses
Allow Editing of Responses
Show Nothing
Messages to Recipients
Welcome message: Welcome to the Entertainment Survey.
Enter a welcome message to your survey recipients. This text will precede the first question and could be used for instructions or disclaimers.
Show only the Welcome message on the first page of the Survey.
Closing comments: Thanks for taking the Entertainment Survey.
Enter closing comments for your survey. This text will go after the last question and could be used to thank recipients or let them know when results will be published.
Cancel
Back
step 2 of 4
Next
Finish
ORACLE
1510
1520
1530
1540
1550
1560
1570
1500

Fig. 15

1600

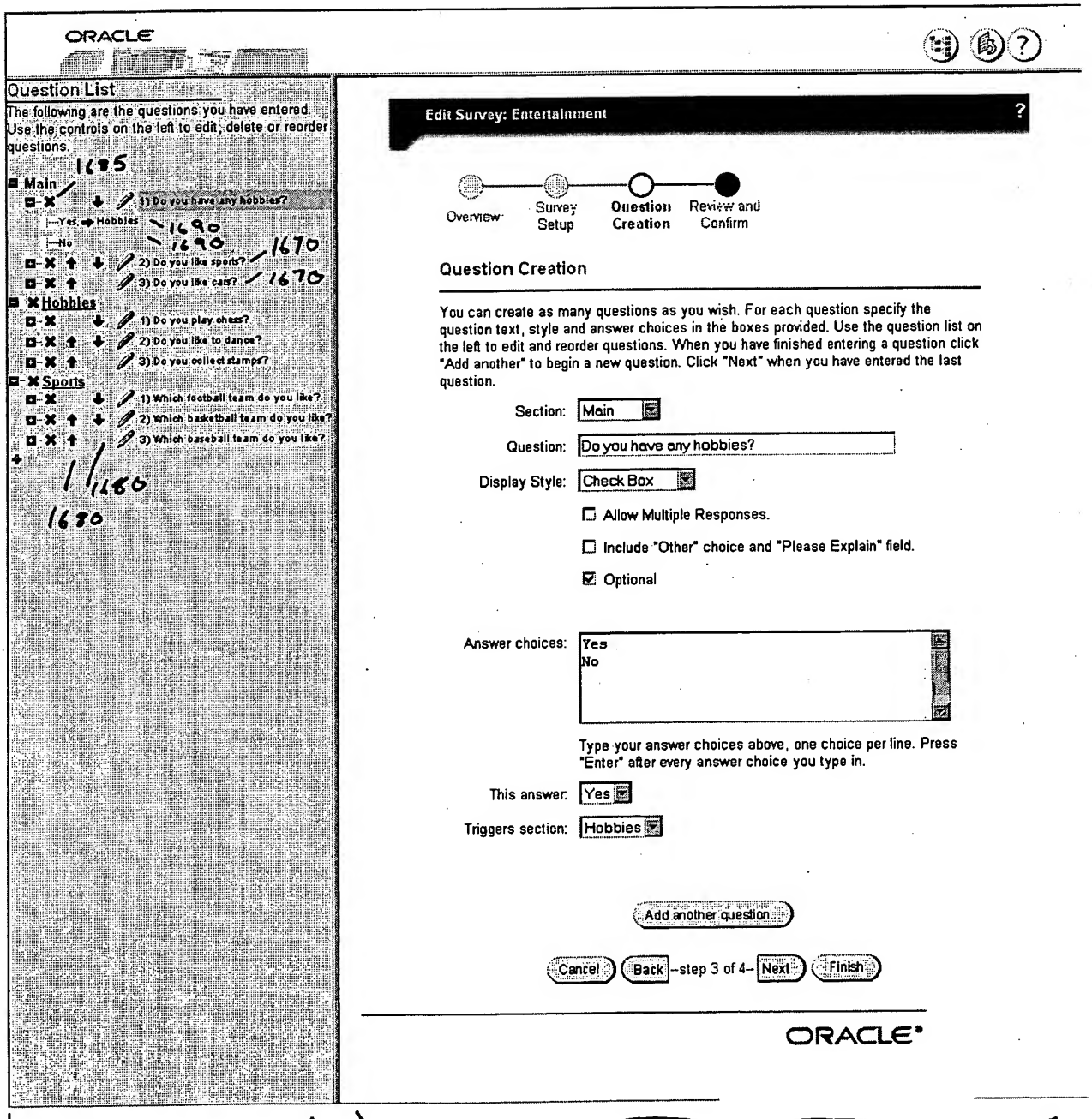

ORACLE
Question List
The following are the questions you have entered. Use the controls on the left to edit, delete or reorder questions.
1695
1660
Main
1) Do you have any hobbies?
Yes → Hobbies
1690
No
1690
1670
2) Do you like sports?
3) Do you like cars?
1670
1660
Hobbies
1) Do you play chess?
2) Do you like to dance?
3) Do you collect stamps?
1660
Sports
1) Which football team do you like?
2) Which basketball team do you like?
3) Which baseball team do you like?
1680
1650
Edit Survey: Entertainment
Overview
Survey Setup
Question Creation
Review and Confirm
Question Creation
You can create as many questions as you wish. For each question specify the question text, style and answer choices in the boxes provided. Use the question list on the left to edit and reorder questions. When you have finished entering a question click "Add another" to begin a new question. Click "Next" when you have entered the last question.
Section: Main
Question: Do you have any hobbies?
Display Style: Check Box
Allow Multiple Responses.
Include "Other" choice and "Please Explain" field.
Optional
Answer choices:
Yes
No
Type your answer choices above, one choice per line. Press "Enter" after every answer choice you type in.
This answer: Yes
Triggers section: Hobbies
Add another question...
Cancel
Back
--step 3 of 4--
Next
Finish
ORACLE
1610

Fig. 16

ORACLE

Edit Survey: Entertainment ?

Overview — Survey Setup — Question Creation — Review and Confirm

Review and Confirm

You have completed the definition of your survey. Press the "Back" button to check and correct your work. Press the "Finish" button when you are satisfied with your entries. Press the "Cancel" button to end the process without saving your work.

Cancel | Back | step 4 of 4 | Next | Finish

Welcome to the Entertainment Survey

* Last Name: Johnson
* First Name: Thomas
Middle Name: H
* E-mail: Thomas.Johnson@oracl

1) Do you have any hobbies?
(Choose one answer) (Optional)
- ☐ 1) Yes
- ☐ 2) No

2) Do you like sports?
(Choose one or more answers)
- ☐ 1) Yes
- ☐ 2) No

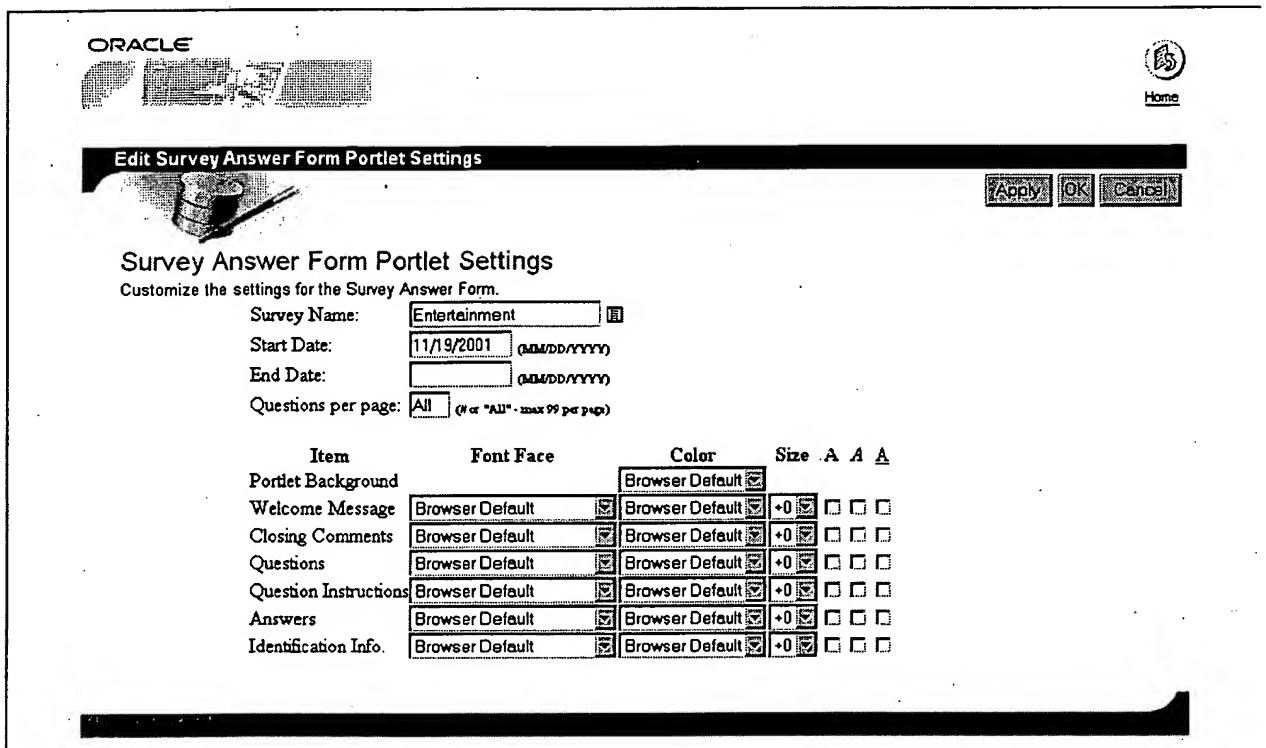
3) Do you like cars?
(Choose one answer)
- ☐ 1) Yes
- ☐ 2) No

Thanks for taking the Entertainment Survey.

1700

ORACLE

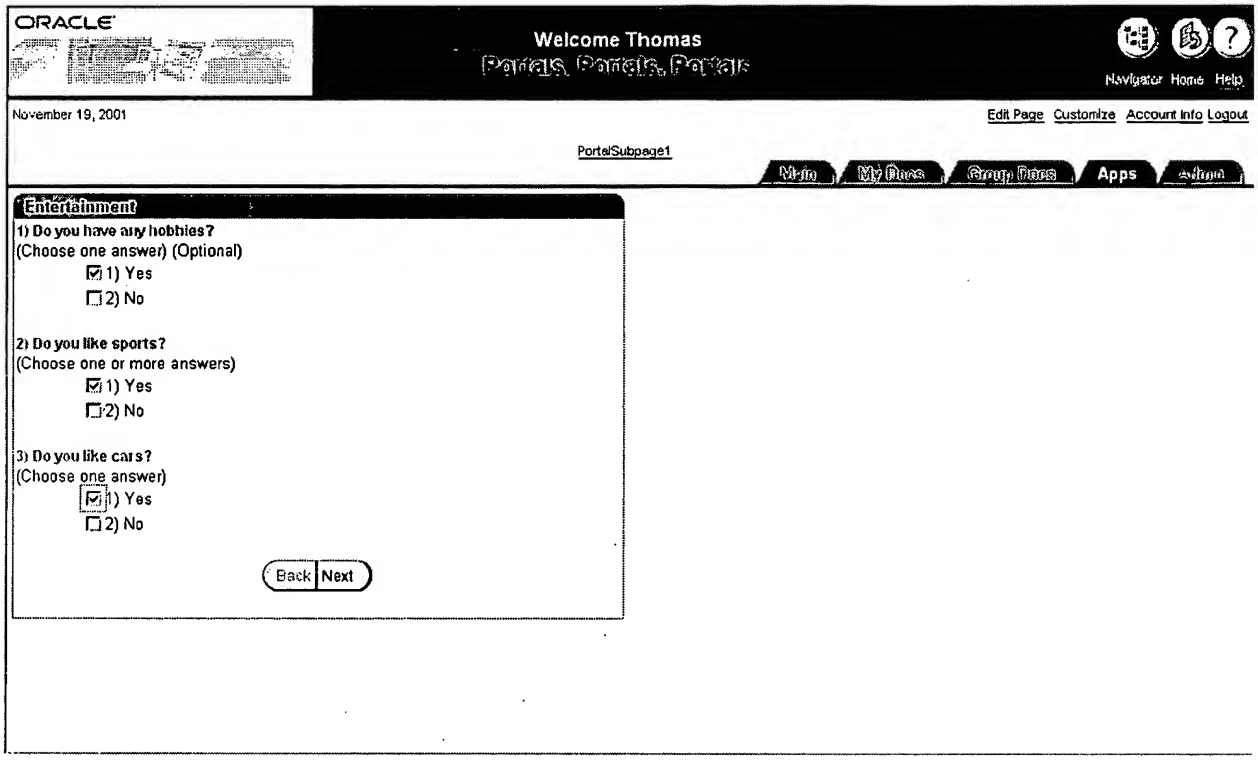
Fig. 17


ORACLE
Home
Edit Survey Answer Form Portlet Settings
Apply
OK
Cancel
Survey Answer Form Portlet Settings
Customize the settings for the Survey Answer Form.
Survey Name: Entertainment
Start Date: 11/19/2001 (MM/DD/YYYY)
End Date: (MM/DD/YYYY)
Questions per page: All (# or "All" - max 99 per page)
Item
Font Face
Color
Size
A A A
Portlet Background
Browser Default
Welcome Message
Closing Comments
Questions
Question Instructions
Answers
Identification Info.
+0

1800

Fig. 18A

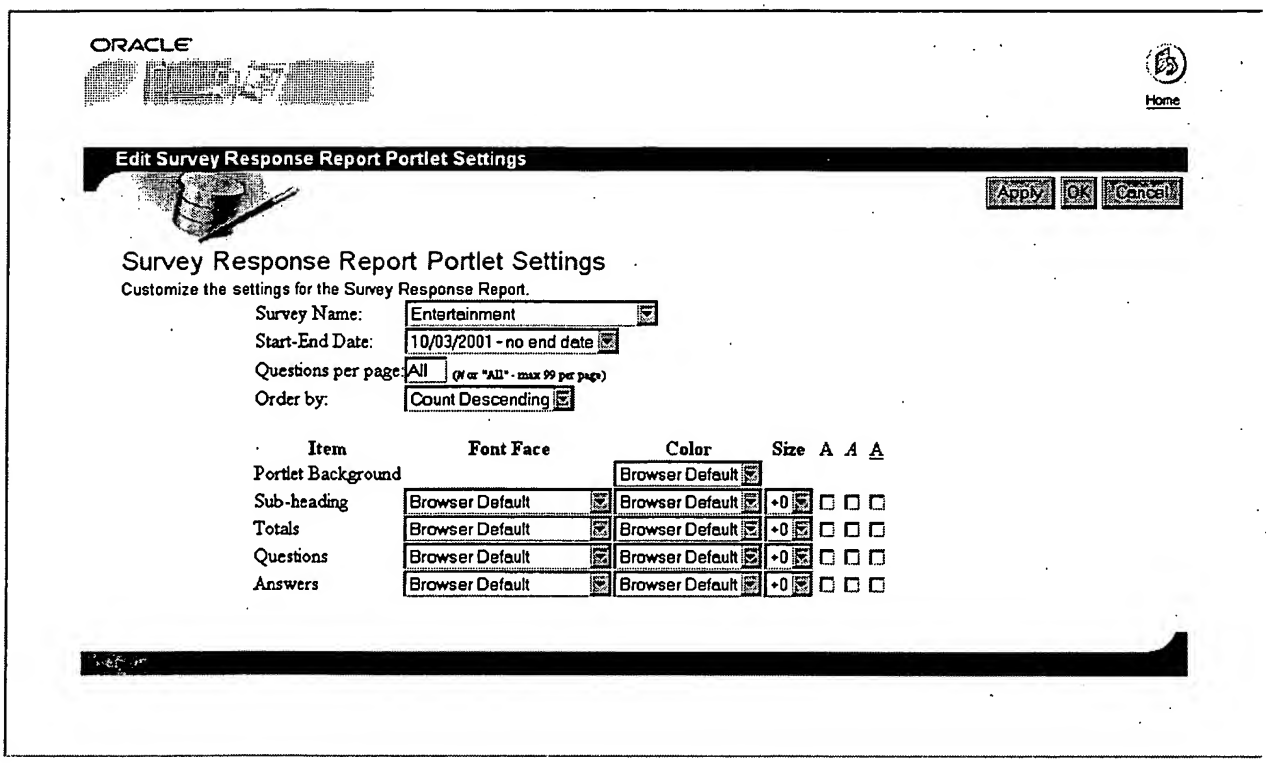
FIG 18B



1850

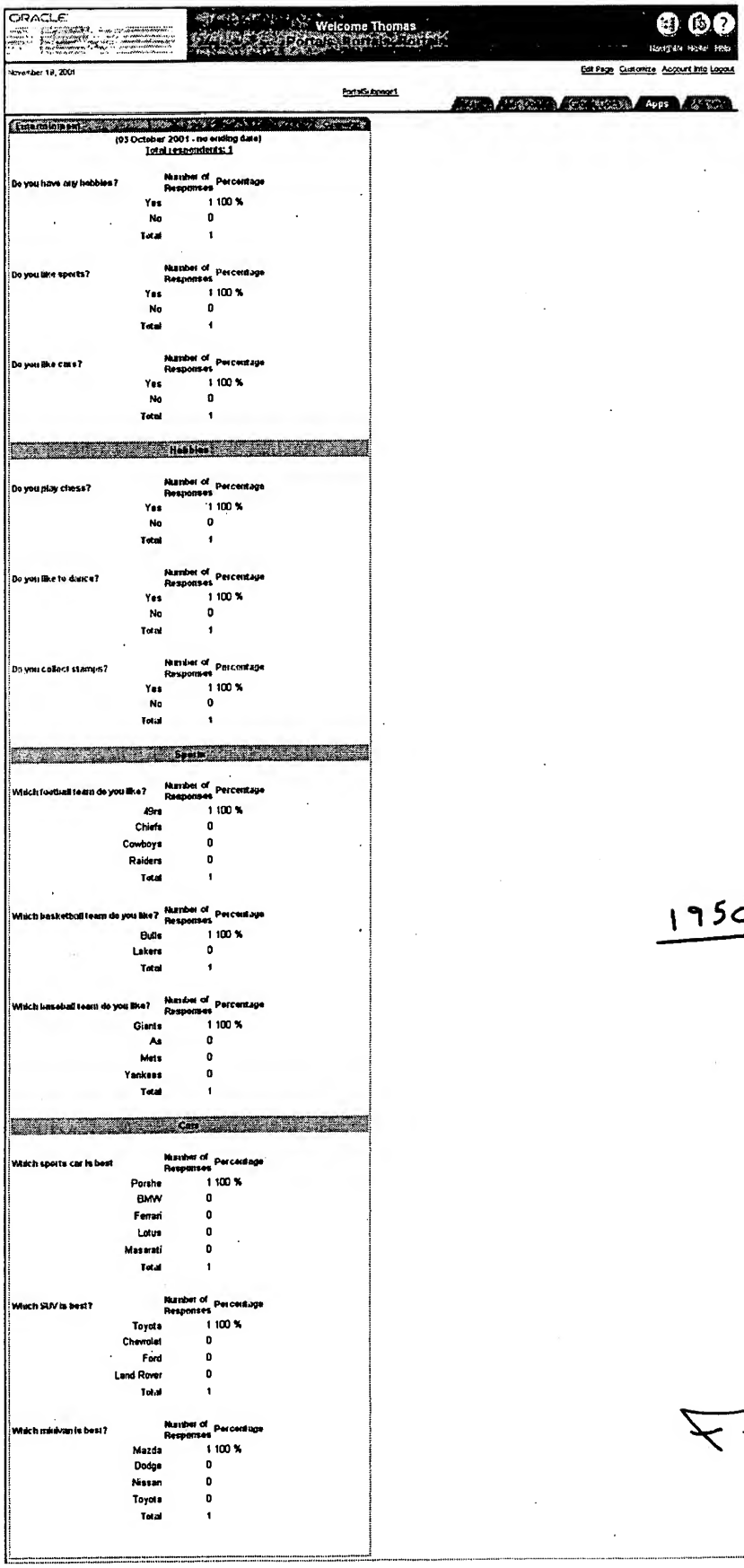
Fig. 18B

FIG 19A



1900

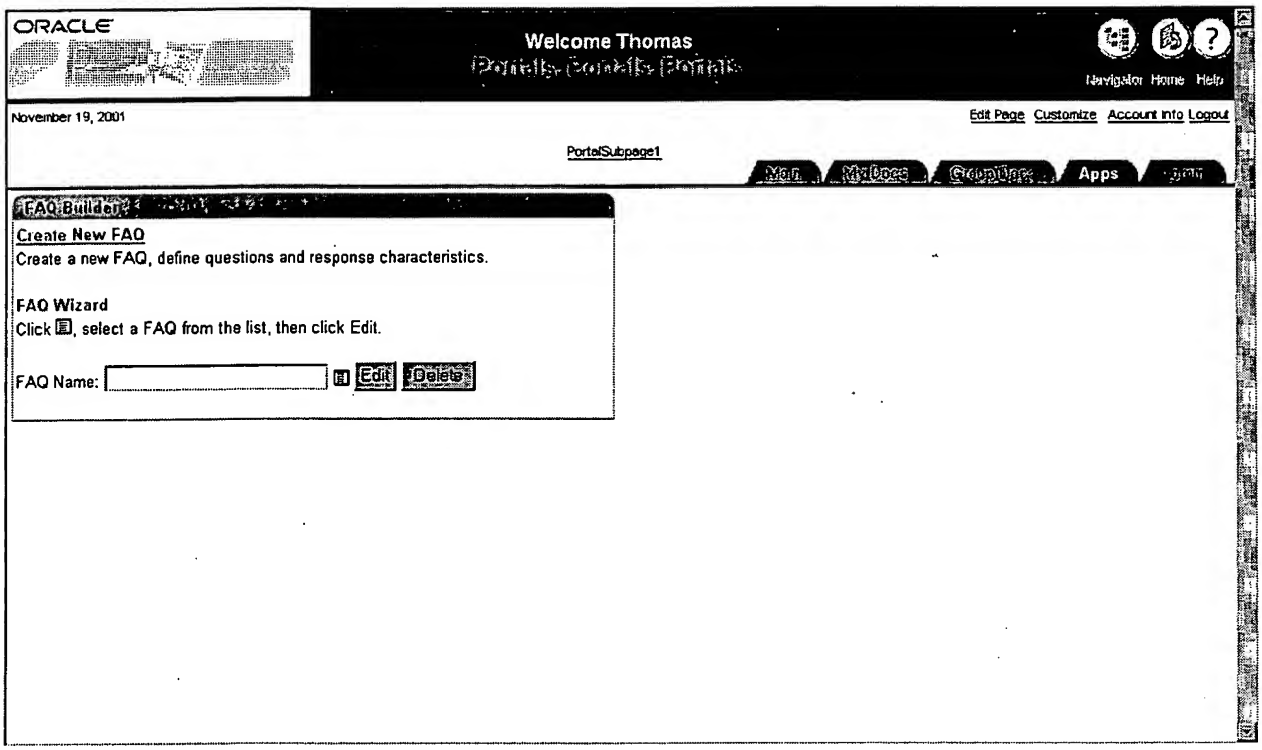
Fig. 19A


ORACLE
Welcome Thomas
Portal Home Page
Navigator Home Help
November 18, 2001
Edit Page Customize Account Info Logout
PortalSuperuser1
Apps
(03 October 2001 - no ending date)
Total respondents: 1
Do you have any hobbies?
Number of Responses
Percentage
Yes 1 100 %
No 0
Total 1
Do you like sports?
Number of Responses
Percentage
Yes 1 100 %
No 0
Total 1
Do you like cars?
Number of Responses
Percentage
Yes 1 100 %
No 0
Total 1
Hobbies
Do you play chess?
Number of Responses
Percentage
Yes 1 100 %
No 0
Total 1
Do you like to dance?
Number of Responses
Percentage
Yes 1 100 %
No 0
Total 1
Do you collect stamps?
Number of Responses
Percentage
Yes 1 100 %
No 0
Total 1
Sports
Which football team do you like?
Number of Responses
Percentage
49ers 1 100 %
Chiefs 0
Cowboys 0
Raiders 0
Total 1
Which basketball team do you like?
Number of Responses
Percentage
Bulls 1 100 %
Lakers 0
Total 1
Which baseball team do you like?
Number of Responses
Percentage
Giants 1 100 %
As 0
Mets 0
Yankees 0
Total 1
Cars
Which sports car is best
Number of Responses
Percentage
Porshe 1 100 %
BMW 0
Ferrari 0
Lotus 0
Masarati 0
Total 1
Which SUV is best?
Number of Responses
Percentage
Toyota 1 100 %
Chevrolet 0
Ford 0
Land Rover 0
Total 1
Which minivan is best?
Number of Responses
Percentage
Mazda 1 100 %
Dodge 0
Nissan 0
Toyota 0
Total 1

1950

Fig. 19B

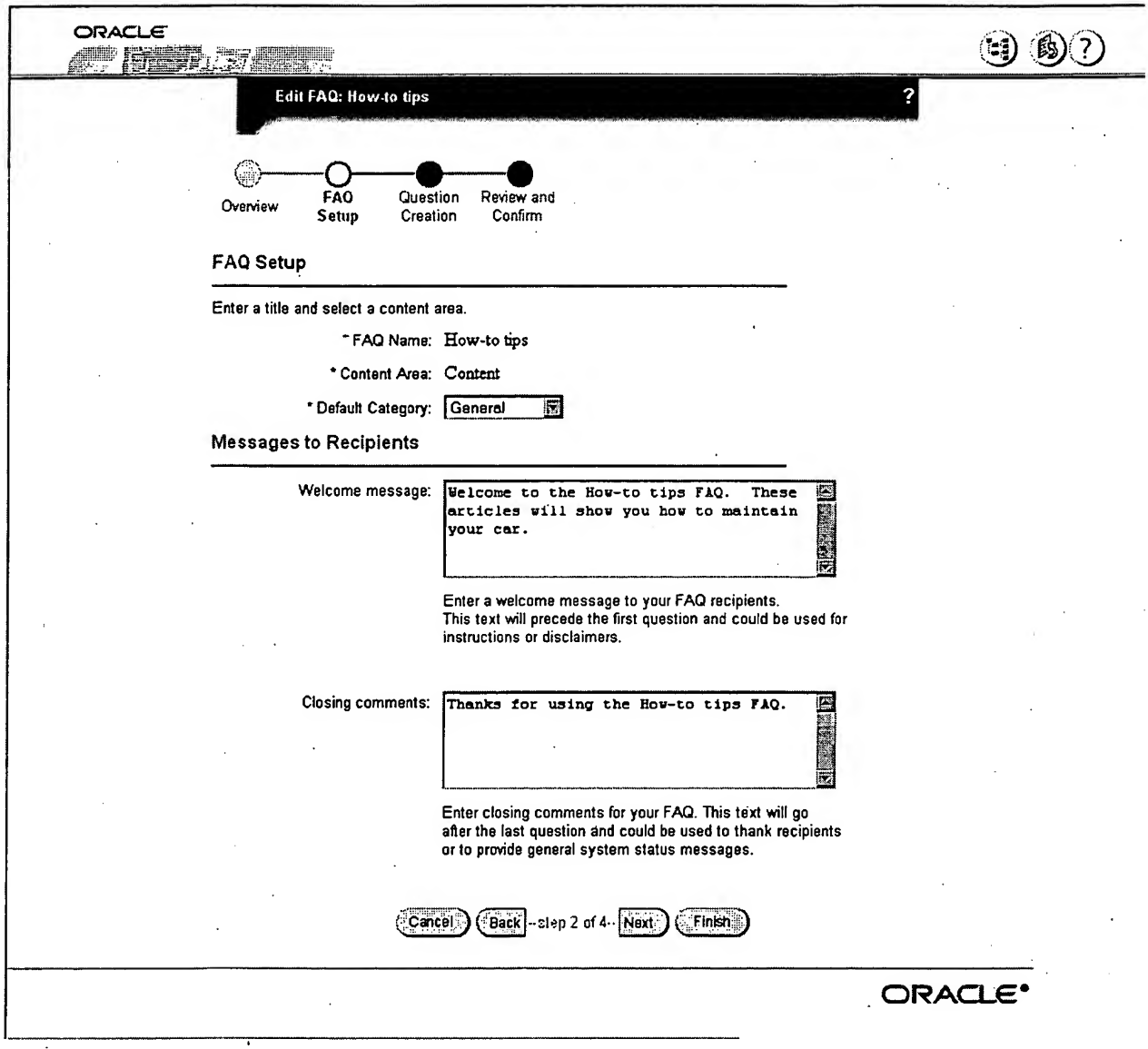
FIG 21



2100

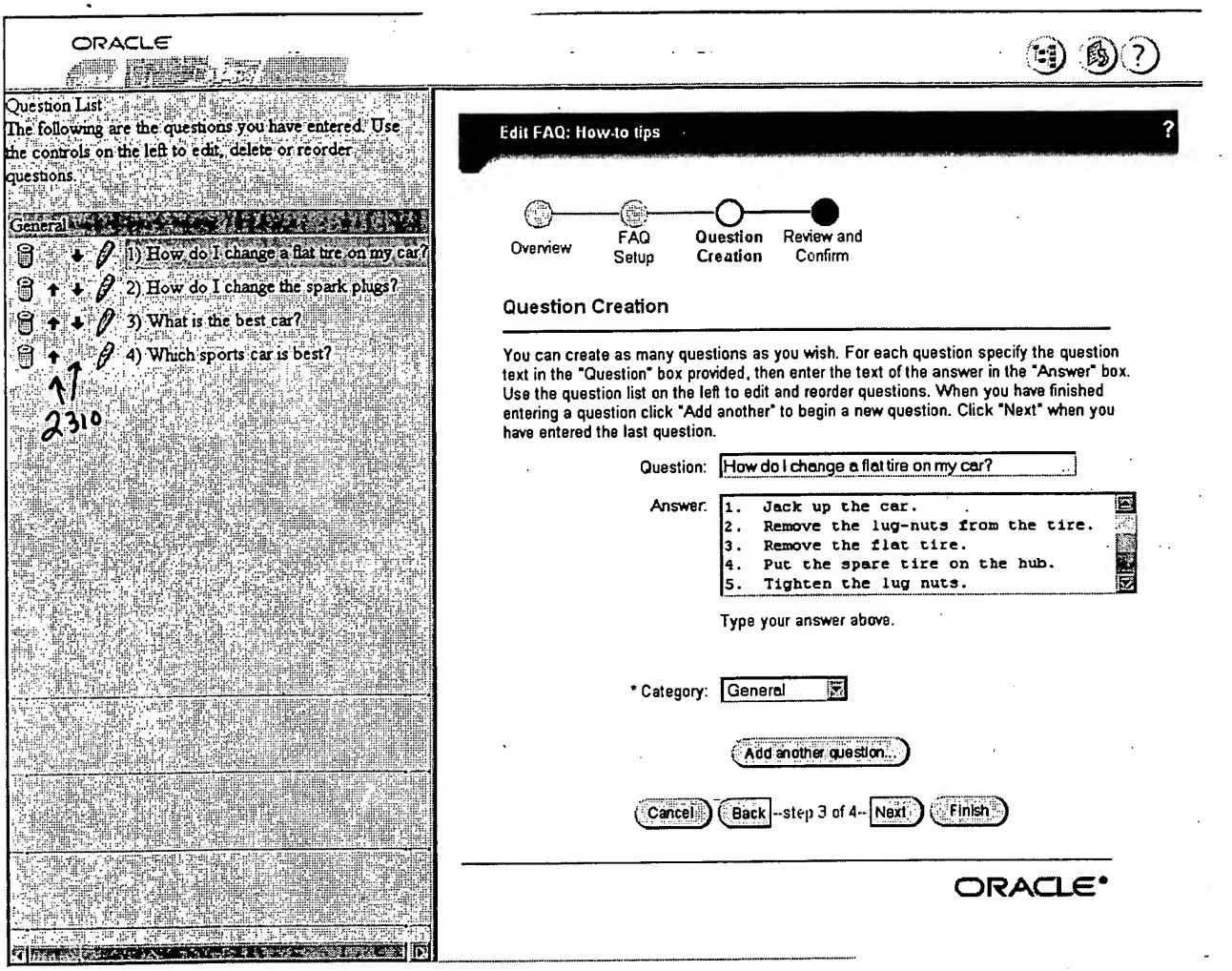
Fig. 21

FIG. 22



2200

Fig. 22


ORACLE
Question List
The following are the questions you have entered. Use the controls on the left to edit, delete or reorder questions.
General
1) How do I change a flat tire on my car?
2) How do I change the spark plugs?
3) What is the best car?
4) Which sports car is best?
2310
Edit FAQ: How-to tips
Overview
FAQ Setup
Question Creation
Review and Confirm
Question Creation
You can create as many questions as you wish. For each question specify the question text in the "Question" box provided, then enter the text of the answer in the "Answer" box. Use the question list on the left to edit and reorder questions. When you have finished entering a question click "Add another" to begin a new question. Click "Next" when you have entered the last question.
Question: How do I change a flat tire on my car?
Answer:
1. Jack up the car.
2. Remove the lug-nuts from the tire.
3. Remove the flat tire.
4. Put the spare tire on the hub.
5. Tighten the lug nuts.
Type your answer above.
* Category: General
Add another question...
Cancel
Back
--step 3 of 4--
Next
Finish
ORACLE
2360
2350

2300

Fig. 23A

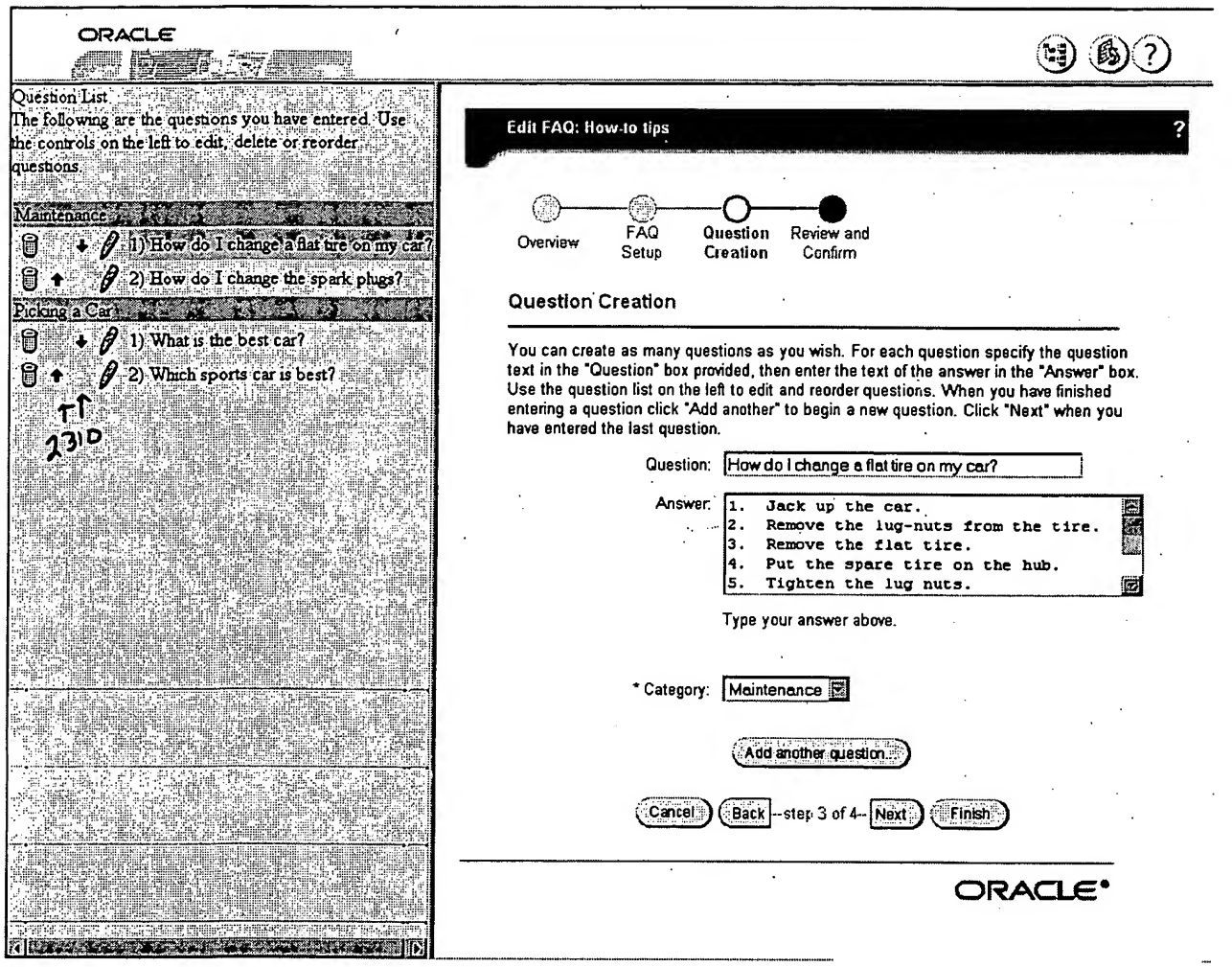
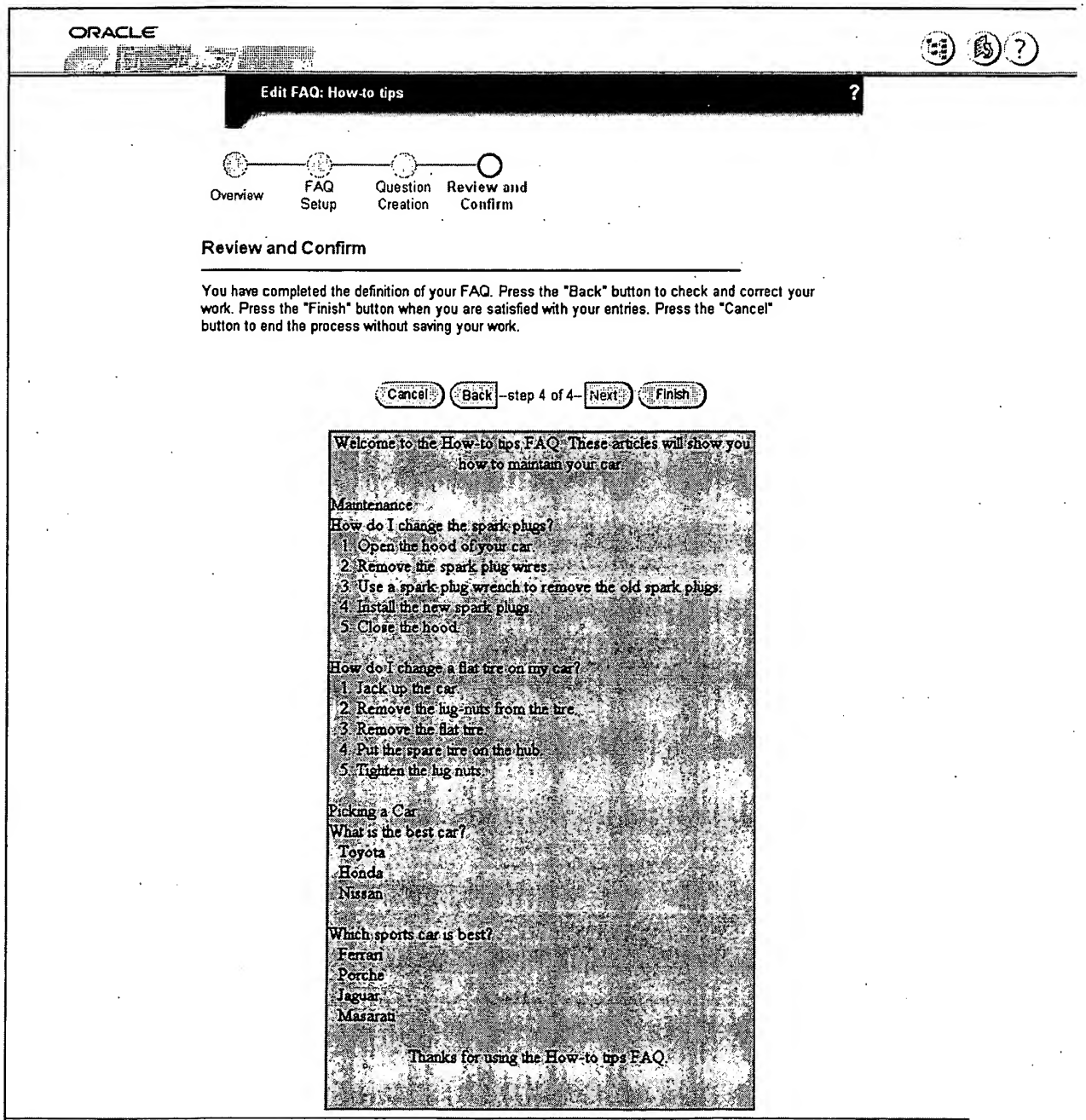
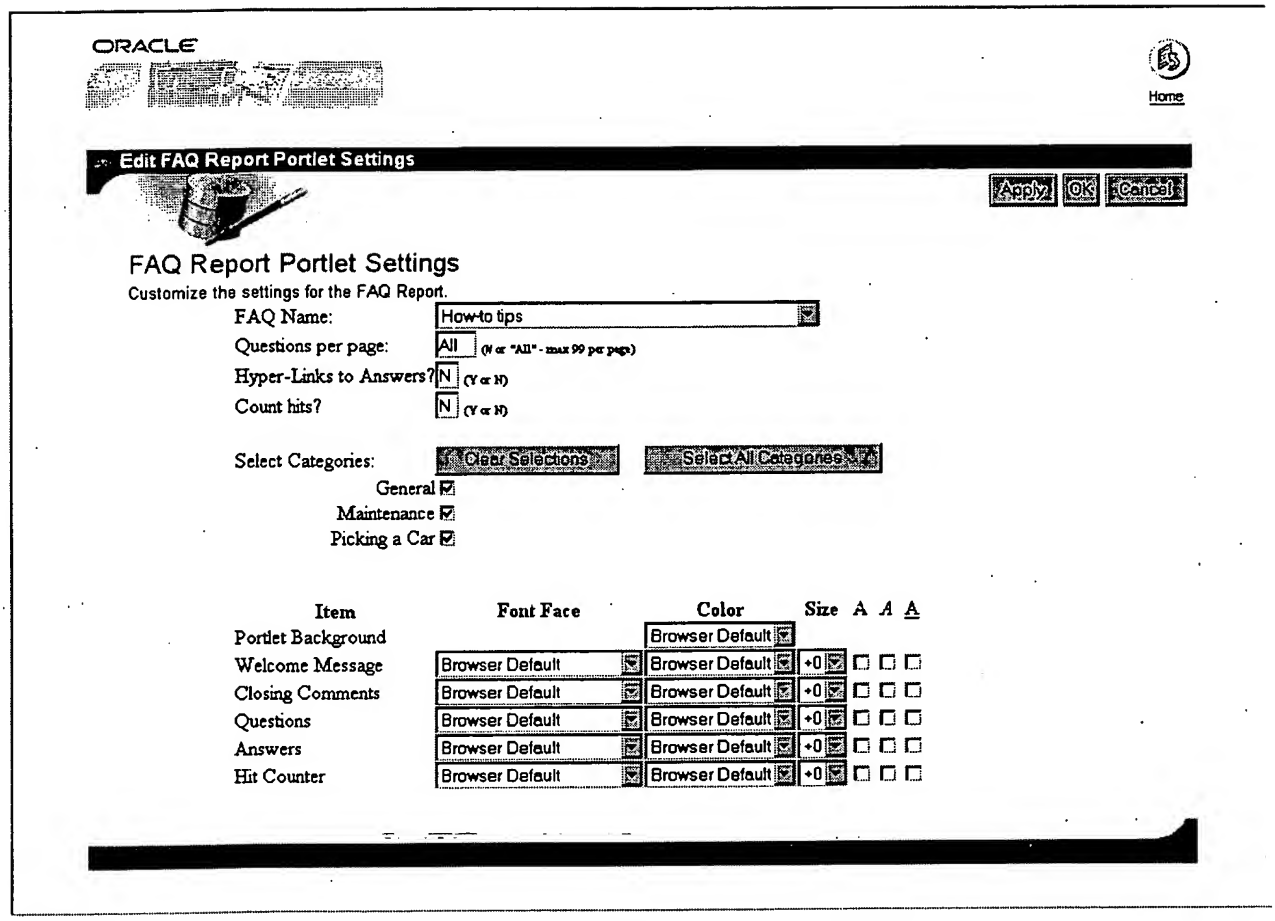

ORACLE
Question List
The following are the questions you have entered. Use the controls on the left to edit, delete or reorder questions.
Maintenance
1) How do I change a flat tire on my car?
2) How do I change the spark plugs?
Picking a Car
1) What is the best car?
2) Which sports car is best?
2310
Edit FAQ: How-to tips
Overview
FAQ Setup
Question Creation
Review and Confirm
Question Creation
You can create as many questions as you wish. For each question specify the question text in the "Question" box provided, then enter the text of the answer in the "Answer" box. Use the question list on the left to edit and reorder questions. When you have finished entering a question click "Add another" to begin a new question. Click "Next" when you have entered the last question.
Question: How do I change a flat tire on my car?
Answer:
1. Jack up the car.
2. Remove the lug-nuts from the tire.
3. Remove the flat tire.
4. Put the spare tire on the hub.
5. Tighten the lug nuts.
Type your answer above.
* Category: Maintenance
Add another question...
Cancel
Back
--step 3 of 4--
Next
Finish
ORACLE
2360
2350
2300

Fig. 23B


ORACLE
Edit FAQ: How-to tips
Overview
FAQ Setup
Question Creation
Review and Confirm
Review and Confirm
You have completed the definition of your FAQ. Press the "Back" button to check and correct your work. Press the "Finish" button when you are satisfied with your entries. Press the "Cancel" button to end the process without saving your work.
Cancel
Back
step 4 of 4
Next
Finish
Welcome to the How-to tips FAQ. These articles will show you how to maintain your car.
Maintenance
How do I change the spark plugs?
1. Open the hood of your car.
2. Remove the spark plug wires.
3. Use a spark plug wrench to remove the old spark plugs.
4. Install the new spark plugs.
5. Close the hood.
How do I change a flat tire on my car?
1. Jack up the car.
2. Remove the lug-nuts from the tire.
3. Remove the flat tire.
4. Put the spare tire on the hub.
5. Tighten the lug nuts.
Picking a Car
What is the best car?
Toyota
Honda
Nissan
Which sports car is best?
Ferrari
Porche
Jaguar
Masarati
Thanks for using the How-to tips FAQ.
ORACLE

2960

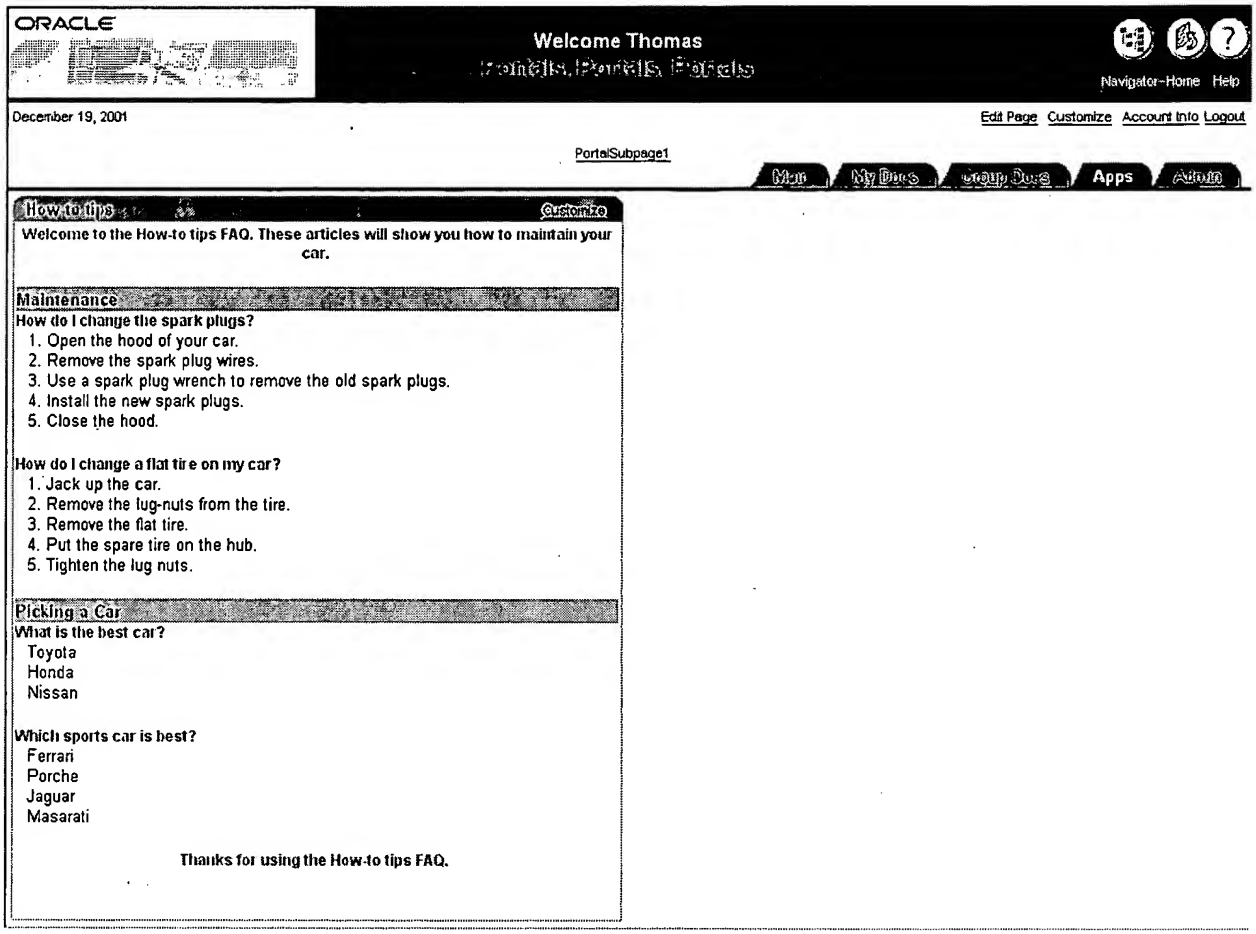
Fig. 24


ORACLE
Home
Edit FAQ Report Portlet Settings
Apply
OK
Cancel
FAQ Report Portlet Settings
Customize the settings for the FAQ Report.
FAQ Name:
How-to tips
Questions per page:
All
(N or "All" - max 99 per page)
Hyper-Links to Answers?
N
(Y or N)
Count hits?
N
(Y or N)
Select Categories:
Clear Selections
Select All Categories
General
Maintenance
Picking a Car
Item
Font Face
Color
Size
A
A
A
Portlet Background
Browser Default
Welcome Message
Closing Comments
Questions
Answers
Hit Counter
+0

2500

Fig. 25A

FIG 25B



2550

Fig. 25B